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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/003,395	10/23/2001	Eric Lawrence Barsness	ROC920010240US1	5342

7590	03/04/2005

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EXAMINER
ELAMIN, ABDELMONIEM I

ART UNIT	PAPER NUMBER
2116	

DATE MAILED: 03/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	10/003,395	BARSNESS ET AL.
	Examiner	Art Unit	
	A Elamin	2116	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _23 October 2001_.

2a)☐ This action is **FINAL.**   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-34_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-6,9-12,15-19,22-25 and 28-32_ is/are rejected.

7)☐ Claim(s) _7,8,13,14,20,21,26,27,33 and 34_ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2.   Claims *1-6, 9-12, 15-19, 22-25 and 28-32,* are rejected under 35 U.S.C. 102(e) as being

anticipated by Sollich, US. Pat. No. 6,314,559.

3.   Claim *1,* Sollich teaches a method of providing programming assistance for an integrated

development environment [*title, abstract,*], comprising:

receiving a selection of a method call from a list of method calls [*abstract, col. 3, lines

14-23*]; and

providing a list of variables associated with and available to be passed to the method call

[*col. 3, lines 23-28*].

4.   Claims *2, 15,* Sollich teaches receiving a selection of a variable from the list of variables

[*col. 3, lines 28-34*]; and

modifying source code displayed on an output device according to the selection of the

method call and the selection of the variable [*col. 3, lines 34-39*].

5.   Claims *3-4, 16-17,* Sollich teaches the variables (/methods) are selected from internal

variables, external variables (/methods), and combinations thereof [*inherently, variables are*

selected from internal and/or external variables, as admitted by Applicant, see the specification

of the instant application page 3].

6.   Claims *5, 18*, Sollich teaches determining at least one variable type [*col. 3, lines 23-39*].

7.   Claims *6, 19*, Sollich teaches searching at least one data structure for at least one variable

type and storing the at least one variable type [*col. 3, lines14-22*].

8.   Claims *9-10, 22-23*, Sollich teaches generating list of classes to search and searching the

list of classes for variables matching a variable type [*col. 7, lines 50-63*].

9.   Claims *11-12, 24-25*, Sollich teaches sorting the variables in hierarchical order [*503 of*

Fig. 5A(1), col. 7, line50-63].

10.   Claim *28*, Sollich teaches a processing system [*computer system of Fig. 1A*], comprising:

        a memory [*102 of Fig. 1A*]comprising;

        a source code document [*abstract*];

        a programming assistance tool to modify the source code document [*abstrac*];

        a method call list configurable with a list of method calls; and

        a variables list configurable with a list of variables available to pass to at least one

method call from the list of method calls [*col. 3, lines 23-28*]; and

        a processor [*CPU 101 of fig. 1A*] which, when executing the programming assistance

tool, is configured to perform an operation comprising:

        receive a selection of a method call from the list of method calls [*abstract, col. 3, lines*

14-23];

        prepare, for display, the list of variables associated with and available to be passed to the

method call [*abstract, col. 3, lines 14-23*];

receive a selection of a variable from the list of variables [*col. 3, lines 28-34*]; and

modify the source code document according to the selection of the method call and the

selection of the variable [*col. 3, lines 34-39*].

11.   Claim *29*, Sollich teaches the processor is configured to sort the list of method calls into a

hierarchy based on at least one of usage, alphabetical order, accessibility, and combinations

thereof [*503 of Fig. 5A(1), col. 7, line50-63*].

12.   Claim *30*, Sollich teaches a variable type data structure and wherein the processor is

configured to provide the list of variables by accessing the variable type data structure to

determine at least one variable type [*col. 3, lines14-22*].

13.   Claim *31-32*, Sollich teaches the processor is configured to sort the variables in a

hierarchical order [*503 of Fig. 5A(1), col. 7, line50-63*].

Allowable Subject Matter

14.   Claims *7-8, 13-14, 20-21, 26-27, 33-34* are objected to as being dependent upon a

rejected base claim, but would be allowable if rewritten in independent form including all of the

limitations of the base claim and any intervening claims.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner

should be directed to A Elamin whose telephone number is (571) 272-3674. The examiner can
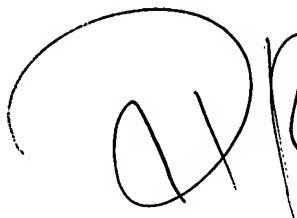
normally be reached on MON-FRI 9:30 AM - 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynne Browne can be reached on (571) 272-3670. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A Elamin
Primary Examiner
Art Unit 2116

March 3, 2005

A. ELAMIN
PRIMARY EXAMINER